



PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2004010198 A

(43) Date of publication of application: 15.01.04

(51) Int. Cl.

B65H 37/04

B42B 4/00

B42C 1/12

B42C 19/02

B65H 31/32

B65H 31/34

B65H 37/06

(21) Application number: 2002162151

(22) Date of filing: 03.06.02

(71) Applicant: RICOH CO LTD

(72) Inventor:
 OKADA HIROKI
 TAMURA MASAHIRO
 SAITO HIROMOTO
 ANDO AKITO
 IIDA JUNICHI
 NAGASAKO HIDEYA
 SUZUKI NOBUYASU
 YAMADA KENJI

(54) PAPER TREATING DEVICE AND IMAGE
 FORMATION SYSTEM

COPYRIGHT: (C)2004,JPO

(57) Abstract:

PROBLEM TO BE SOLVED: To easily make an attractive book by making invisible staplers on a cover sheet and orderly arranging the ends of sheets even if the number of pages of the book is increased.

SOLUTION: This paper treating device comprises a stack treating tray for stacking the sheets, a jogger fence for aligning a sheet bundle stacked on the stack treating tray, a saddle stitch stapler S2 applying a stitching treatment to the sheet bundle stacked in the stack treating tray in aligned state, a folding plate 74 and a folding roller 81 for applying a folding treatment to the sheet bundle stitched by the saddle stitch stapler S2, and a CPU for simultaneously arranging the sheet bundle and the sheets having the same lateral size and a size in conveying direction two times or more that of the sheet bundle by the jogger fence and making the saddle stitch stapler S2 apply the stitching treatment near the center part of the sheet bundle.

